

Bettinger, 10/065,787

Specification Amendments

Please enter the following amendments to the specification.

Detailed Description – First paragraph.

[0029]

In Figure 1 a compressed seal expansion joint is shown comprising at least one generally cylindrical resilient and elastic seal 1 disposed in an annular packing chamber defined between telescopically arranged outer 2 and inner 3 pipe members and an outer circumferentially tensioned band and clamp 4 positioned longitudinally over the generally cylindrical resilient and elastic seal 1 and selected to produce a compressive force 5 to radially deflect the outer pipe member and thereby compress and deflect the generally cylindrical resilient and elastic seal with a deflection shown at 6 so that the outer and inner pipe members and the generally cylindrical resilient and elastic seal create and maintain a bearing and static and dynamic friction-loaded sealed relationship between the generally cylindrical resilient and elastic seal and outer and inner pipe member surfaces 7, 8 for fluid flow at varying temperatures between adjacent ends of two conduits 9, 10 during axial sliding 11 and rotational 12 relative movement of the outer and inner pipe members 2, 3.

Abstract of Disclosure

[0033]

A compressed seal expansion joint for fluidically connecting in a sealed relationship adjacent ends of two conduits adapted for carrying fluids of varying temperatures, ~~said~~ the expansion joint comprising telescopically arranged outer and inner pipe members adapted to be connected to each of ~~said~~ the conduits, ~~said~~ the outer pipe member defining an annular packing chamber opening through its inner surface for containing at least two cylindrical guide rings disposed at opposite ends of ~~said~~ the chamber, ~~said~~ the rings being of a generally rectangular cross section having their long faces longitudinal to the members axis and selected of an elastic and semi-plastic packing composition pressurized by tensioned hoop bands circumscribing ~~said~~ the outer pipe member and selected to elastically deform ~~said~~ the outer pipe member and communicate a circumferentially compressive force to ~~said~~ the guide rings so as to create bearing and frictional loadings and seal between ~~said~~ the guide ring surfaces and ~~said~~ the pipe member surfaces during axial and rotational relative pipe member movement.